ABSTRACT OF THE DISCLOSURE

A network management system in which usability and efficiency in management and maintenance of a network are improved. In the network management system, a network decomposition unit decomposes the network into network components, a table management unit manages information on the decomposition of the network into the network components by tabulating the information on the decomposition, and a virtual-network generation unit generates a virtual network as a new area to be managed, by combining the network components based on the information on the decomposition.